



TRIDELTA Hartferrite GmbH

Ein Unternehmen der TRIDELTA Gruppe

MANIPERM® magnet powder

typical values of maniperm powder

| type | isotropic / anisotropic | bulk density g/cm ³ | specific surface cm ² /g | sieve analyse > 71 µm % | sieve analyse > 32µm % | isotropic pressing | | | |
|------|----------------------------|-----------------------------------|---|-------------------------------|------------------------------|---|-------------|-------------|------------------------------|
| | | | | | | BR mT | HCB kA/m | HCJ kA/m | (BH)max kJ/m ³ |
| | | typical values | | | | magnetic values based on density of 3,6 g/cm ³ | | | |
| 9 | i | 1,30 | 2200 | 10 | 25 | 174 | 104 | 220 | 4,5 |
| 9T | i | 1,05 | 2650 | 2 | 18 | 175 | 114 | 270 | 5,0 |
| 9X | i | 2,10 | nA | 80 | 90 | 175 | 109 | 285 | 4,8 |
| 14 | i | 0,90 | 4800 | 0 | 2 | 174 | 110 | 250 | 4,6 |
| 14T | i | 1,00 | 4500 | 0 | 2 | 173 | 126 | 300 | 5,4 |
| 15 | i | 1,10 | 2800 | 4 | 30 | 165 | 105 | 180 | 4,3 |
| 16 | i | 1,30 | 2500 | 10 | 35 | 160 | 103 | 180 | 4,1 |
| 17 | i | 1,05 | 2700 | 1 | 6 | 160 | 100 | 130 | 4,0 |
| 19 | i | 1,30 | 2500 | 10 | 50 | 170 | 105 | 180 | 4,4 |
| 22 | i | 1,15 | 2500 | 0 | 15 | 168 | 102 | 170 | 4,3 |
| 25 | i | 1,00 | 3500 | 0 | 0 | 178 | 124 | 260 | 5,5 |
| 27 | i | 1,10 | 2800 | 0,3 | 7 | 165 | 105 | 150 | 4,3 |

possible magnetic values for anisotropic pressing

BR up to 240 mT

HCJ up to 345 kA/m